

U.S.S.N. 10/562,650

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GKNG 1269 PCT

**Abstract**

**[0039]** A process machining inner joint parts (11) of constant velocity universal ball joints, which inner joint parts (11) comprise a longitudinal axis (A) and at least one guiding face by which the inner joint part (11) is continuously angularly movably guided in a ball cage, and which comprise a plurality of ball tracks (12) which are distributed around the circumference of the guiding face and which divide the guiding face into a corresponding plurality of guiding webs (13) and in which torque transmitting balls can be held so as to be longitudinally displaceable. One ball track (12) and at least one guiding web (13) are machined simultaneously.

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